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Date: 06.08.2025 08:02 AM

073204T4PLM**PLUMBING LEVEL 4****CON/OS/PL/02/4**

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Perform Workshop Process

Date: 06.08.2025 08:02 AM

July/August 2025

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TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

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Date: 06.08.2025 08:02 AM

WRITTEN ASSESSMENT

Time: 2 HOURS

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INSTRUCTIONS TO CANDIDATE

1. This paper consists of two sections; A and B.

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2. Answer ALL the question in section A and B.

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3. Marks for each question are as indicated in the brackets.

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4. You are provided with a separate answer booklet to answer the questions.

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5. Do not write in this question paper.

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This paper consists of Four (4) printed pages

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**Candidates should check the question paper to ascertain that all pages
are printed as indicated and that no questions are missing**

SECTION A (10 MARKS)**Answer all questions in this section.**

1. Below are items for Aid Kit which one is not.

A. Band-aids.

B. Cotton wool.

C. Scissors.

D. Goggles.

2. Which of the following is not workshop tool.

A. Pliers.

B. Hacksaw.

C. Ear muffs.

D. Die stock.

3. What is the function of a die stock.

A. Cutting threads.

B. To cut through the metal pipes.

C. To measure pipe diameters.

D. To apply a coat of paint to a surface.

4. Which class of tool is a pipe wrench classified.

A. Cutting tools.

B. Driving tools.

C. Holding tools.

5. Workshop tools require proper care and maintenance. step in caring and maintaining workshop tools.

A. Storing the immediately after use.

B. Cleaning them thoroughly

C. Checking for functionality.

D. Oiling them.

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6. Kamau had a minor injury in a plumbing workshop. Which action is considered first.

A. Report to the supervisor.

B. Continue work.

C. Administer first aid.

D. Clean the injury.

7. The uses of tools are diverse and crucial across various tasks in the plumbing and they are designed to perform specific functions. When would you use a vice in the workshop.

A. To measure pipe diameters.

B. To apply a coat of paint to a surface.

C. To cut through the metal pipes.

D. To hold materials securely in place while working.

8. Before starting any work in a workshop, it is crucial to carry out some activities. Which of the following task should be done in a workshop.

A. Skip the safety briefing if you are experienced.

B. Familiarize yourself with the location of emergency exits and first aids.

C. Ignore safety signs and labels.

D. Using equipment's without inspecting it first.

9. Key considerations in a plumbing workshop include safety and efficiency. Which of the following actions ensures safety and efficiency in the

A. Using tools as you like.

B. Ignoring the safety equipment.

C. Following the manufacturer's manuals.

D. Using worn-out tools.

10. Understanding and applying workshop technology in the context of personal protective equipment and safety is crucial for ensuring safety at work place. Below are some of the PPEs which is not.

A. Helmet.

B. Trouser.

C. Ear muffs.

SECTION B (40 MARKS)**Answer ALL questions in this section.**

11. Define the following.

a) Waste; (3Marks)

b) Records;

c) Workshop. (3Marks)

12. State FOUR ways of caring the workshop tools after use. (4Marks)

13. Workshop rules and regulations are crucial elements in caring for oneself, tools and workshop itself. State FIVE of this rules and regulations. (5 Marks)

14. Workshop tools and equipment's are designed to perform a variety of tasks. State THREE reasons of regularly inspecting plumbing tools. (3Marks)

15. Workshop organization is systematic arrangement of tools, materials, resources and equipment's. State FOUR purposes of organizing a workshop. (4Marks)

16. David is an experienced plumber contracted to repair faulty equipment. Record any THREE equipment to be used. (3Marks)

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17. Proper storage of plumbing tools is essential to maintain their condition and ensure they are ready for use when needed. State THREE ways for storing these plumbing tools and keeping them organized. (3Marks)

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18. Housekeeping activities play a crucial role in maintain and efficient workshop environment. State FIVE key aspects to consider as part of housekeeping procedure to be done in a workshop. (5Marks)

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19. First steps to ensure proper treatment and to prevent infection. State the first aid procedure for a cut that should be followed. (5Marks)

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20. State FIVE reasons why it is important to segregate waste. (5Marks)

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